

Ortgies

**DEUTSCHE WERKE**  
**AKTIENGESELLSCHAFT**  
**WERK ERFURT**

THE  
**ORTGIES PISTOL**  
PATENTED IN ALL COUNTRIES

6,35 mm GAUGE - 7 SHOT  
7,65 mm GAUGE - 8 SHOT



Fig. A



Fig. B

# IN THE ORTGIES AUTOMATIC PISTOL

all the improvements produced during the last few years have been utilized. All the defects, which previous pistols have shown, have been avoided and new features added, which, together with the most scrupulous care in construction and workmanship, as well as selection of material, make the Ortgies a weapon for self-protection of the first order.

## THE MAIN ADVANTAGES OF THE ORTGIES PISTOL ARE THE FOLLOWING

1. Handsome outlines; no projecting corners; no openings through which dirt may get into the works; excellent balance.
2. Few and extremely solid parts. No screws to become loose or lost.

3. Disassembling and assembling without any tools whatever, therefore easy cleaning.
4. All parts are interchangeable.
5. A stationary barrel, extra strong, insuring greatest accuracy.
6. Safety, through partly uncocking firing pin spring and also blocking sear. No other Pistol has these features.
7. The Pistol can be unloaded when the safety is set.
8. When the Pistol is safe, it can be fired by grasping the handle firmly. In case of emergency, the owner does not have to think of unsafing the Pistol.
9. The Pistol cannot be safed when not cocked, as this is unnecessary.
10. Extremely easy cocking on account of flexible spring.

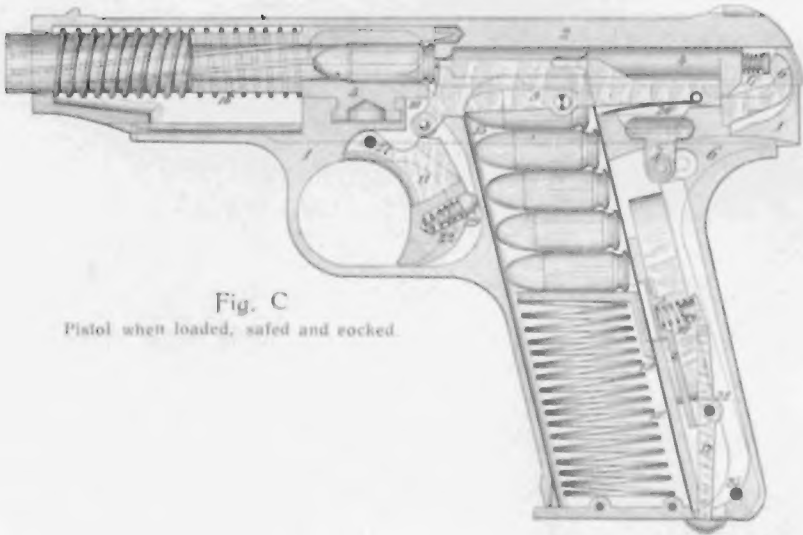


Fig. C

Pistol when loaded, safed and cocked.



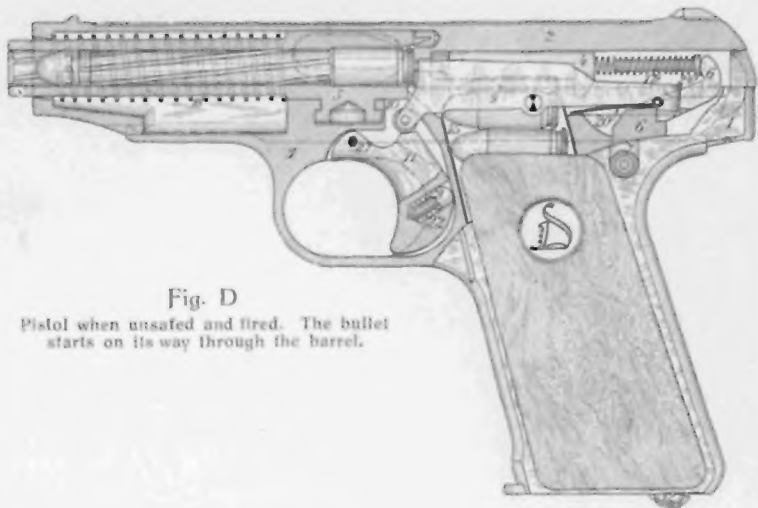


Fig. D

Pistol when unsafed and fired. The bullet starts on its way through the barrel.

## DISMOUNTING AND REMOUNTING THE PISTOL

To dismount Locking Bolt (2). Remove magazine and any cartridge left in barrel. Pull the trigger to release the tension on the firing pin spring. Grasp pistol with right hand so that the thumb rests on safety, press same in as far as possible, grasp locking bolt with left hand, move back about  $1\frac{1}{2}$  inches and lift off. See Figure E.

To dismount Barrel (5). Barrel can be removed by one quarter turn to left.

To dismount Grips (13, 14). Take the cleaning rod or similar instrument, insert same about  $1\frac{1}{2}$  inches into the opening for the magazine,





Fig. 7.  
Bottom of  
Cooking Box



Fig. 8.  
Bottom of  
Cooking Box

Attention should be paid that all spiral springs are so placed that the narrow ends fit round the respective parts (barrel, guiding piece, etc.) whereas the wider ends belong in their recesses.

**To Fill Magazine (15).** While pressing down the follower (15b) insert the cartridges in the magazine so far that they press against the back wall below the curved edges of the open part of the Magazine (Fig. 1). After filling the magazine take the cleaning rod and press down the top cartridge till a resistance is felt, be sure that they are placed in the right position, one cartridge uniformly upon the other.

**How to use the Pistol.** The loading and unloading of the pistol is done in the same manner as with most automatic pistols. It is better not to load a cartridge into the barrel except when intended for immediate use.



Fig. C  
Removing  
Safety



Fig. H Locking Slide and Inspecting

As soon as a cartridge is in the barrel the pistol must be safed, this is done by pressing upon the button of the safety, on the left side of the pistol (7) with the thumb, and can be plainly heard. When safed, the firing pin spring is partly released. No other automatic pistol has this feature. The firing is done by grasping the grip tightly consequently the pistol is ready for use while still safed.

By special desire a double safety can be affixed, the catch must then be removed by pressing a conveniently placed button.

**To keep the Pistol in good condition.** The Ortgren Pistol is an arm of precision of the highest quality and as such, wants the same care as any other arm of precision to insure reliable operation. Where the pistol is carried in the pocket daily without a case, it is necessary to clean it at short intervals by taking off locking bolt, drawing with the aid of the cleaning rod a soft rag through the barrel, wiping clean and re-oiling.



Before replacing locking bolt, it is necessary to insert the firing pin spring with guiding pin into its recess. This is done either with the end of the cleaning rod, a key or similar utensil. See Figure K.

**Fig. K**  
Replacing Firing Pin Spring



When the pistol has been fired, the barrel ought to be cleaned as soon as possible and all traces of the powder residue removed. Any of the well known solvents will answer the purpose.

In regard to test we should like to mention that the accuracy of all pistols as they come from the works is regularly & most carefully examined. Certain numbers are picked out & tested with 1000 Shots & more during which time they are frequently taken apart & at the end of the test there is no deviation whatever. We consider this an excellent result.

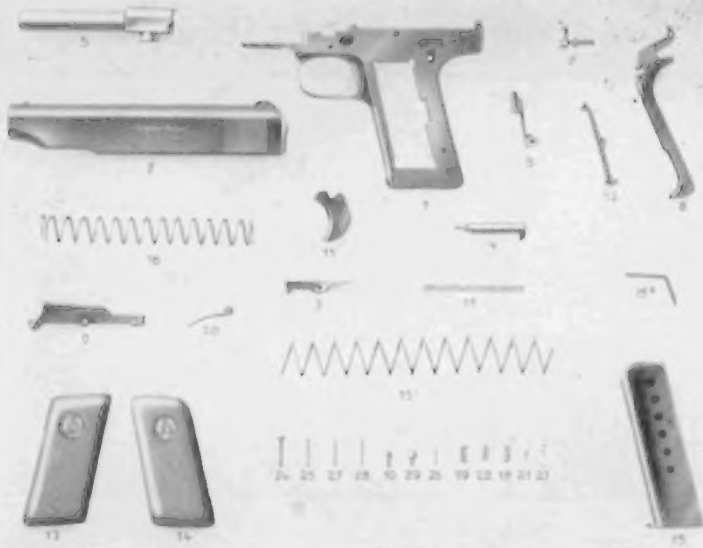
Its shooting accuracy, its extreme simplicity, its perfect interchangeability of parts, its safety device etc. make it one of the best pistols on the market.

The high efficiency of the Oetgey Pistol is proved by the fact that at all principal German Pistol Shooting Competitions during 1921 our Cal. 7.65 - 32's have won more than 70% of the prizes and at the Champion Shooting Competition at Hulsbee on September 26<sup>th</sup> the Champion Match used the Oetgey Pistol.



# COMPONENT PARTS OF THE ORTGIES PISTOL

- |                          |                                               |
|--------------------------|-----------------------------------------------|
| 1. Frame                 | 15c Follower Spring                           |
| 2. Locking Bolt          | 16. Recoil Spring                             |
| 3. Extractor             | 17. Firing Pin Spring                         |
| 4. Firing Pin            | 18. Safety Spring                             |
| 5. Barrel                | 19. Spring for Magazine and Hand<br>le Holder |
| 6. Safety                | 20. Scar Spring                               |
| 7. Safety Ratchet        | 21. Extractor Spring                          |
| 8. Handle Holder         | 22. Trigger Spring                            |
| 9. Scar                  | 23. Interceptor Spring                        |
| 10. Interceptor          | 24. Guiding Pin                               |
| 11. Trigger              | 25. Safety Pin                                |
| 12. Magazine Holder      | 26. Extractor Pin                             |
| 13. Left Handle 1 Comp.  | 27. Trigger Pin                               |
| 14. Right Handle 1 Comp. | 28. Pin for Magazine Holder                   |
| 15. Magazine             | 29. Guiding Pin for Trigger Spring            |
| 15b Follower             |                                               |



# Useful Information about the Ortgies Pistol

Gauge 6,35 7,65 mm

Shooting accuracy by a distance of 25 m	Height . . . cm Breadth . . . "	10 8	6 5
Shooting accuracy by a distance of 50 m	Height . . . cm Breadth . . . "	—	14 11
Shooting accuracy by a distance of 75 m	Height . . . " Breadth . . . "	—	23 20
Shooting accuracy by a distance of 100 m	Height . . . " Breadth . . . "	—	33 30

## Shooting ranges in meters by elevation angles of

Gauge 6,35 mm	10°	600 m	Gauge 7,65 mm	10°	850 m
" " "	12°	675 m	" " "	14°	925 m
" " "	14°	725 m	" " "	18°	1050 m
" " "	15°	750 m	" " "	22°	1150 m
" " "	16°	700 m	" " "	26°	1200 m
" " "	18°	650 m	" " "	28°	1000 m
			" " "	30°	750 m

## Greatest range

Gauge 6,35 mm by an elevation angle of 15° . . . . .	750 m
Gauge 7,65 mm by an elevation angle of 26° . . . . .	1200 m

# Useful Information about the Ortgies Pistol

Gauge

6,33

2,65 mm

Total length of the pistol . . . . . mm	132	163
Height . . . . . "	87	112
Thickness . . . . . "	19	22
Weight of the pistol with empty magazine . . . . . gr	373	610
Weight of the pistol with full magazine . . . . . "	415	675
Powder charge . . . . . "	0,15	0,20
Weight of bullet . . . . . "	3,25	4,60
Pressure of gas . . . . . kg □ cm	10,25	9,82
Velocity of bullet 12,5 m before muzzle . . . . . m/s	255	315
Energy of bullet 12,5 m before muzzle . . . . . m/kg	10,8	23,3
Elevation of 100 m trajectory to 50 m distance . . . . . cm	16	15
Penetration in dry Pine boards (crossbar) at a distance of 25 m	7	7
Penetration in dry Pine boards (crossbar) at a distance of 50 m	6	6 <sup>1/2</sup>

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